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Statistics, My Past and Your Future

James G. Wendelberger

Computer, Computational and Statistical Sciences: Statistical Sciences, CCS-6, Los Alamos National Laboratory

20 May 2019

Background

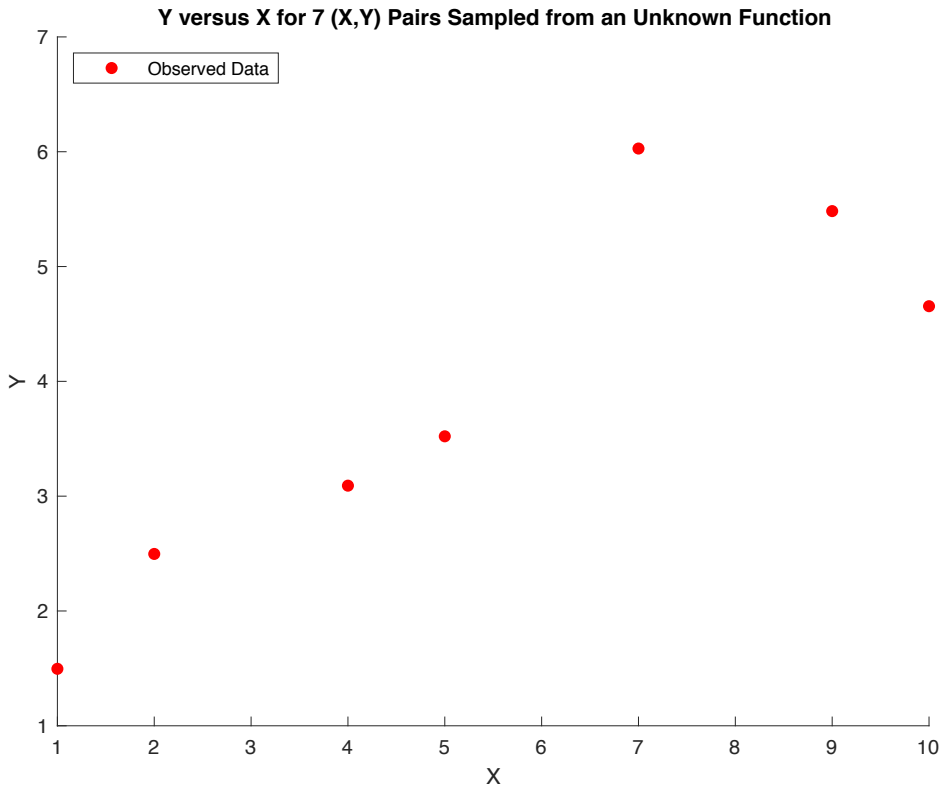
- Three children in this class (PhD in Statistics, Masters in Statistics Working toward PhD in Statistics and 2nd Year Physicians Assistant)
- My spouse PhD in Statistics
- Me – PhD in Statistics
  - Mathematics, Physics, Nanoscience, Statistics
  - UW Space Science and Engineering Center, General Motors Research Laboratory, Private Industry - Urban Science Applications, Adjunct Professor - Oakland University (Plymouth, MI), Los Alamos National Laboratory
  - Expert Witness in Statistics
  - World Travel (or not!)

Statistics

- What is statistics?
- The Science and Art of Making Decisions in the Face of Uncertainty

Function Estimation

- Given points (x,y) where y is some function of x measured with error what is the best estimate of the function f?



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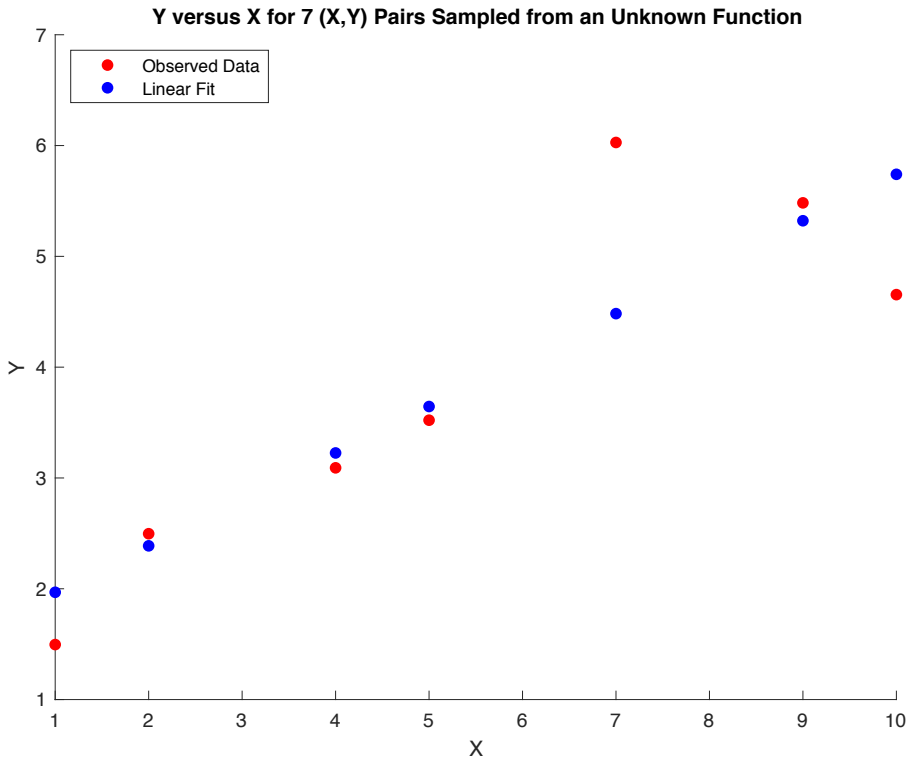

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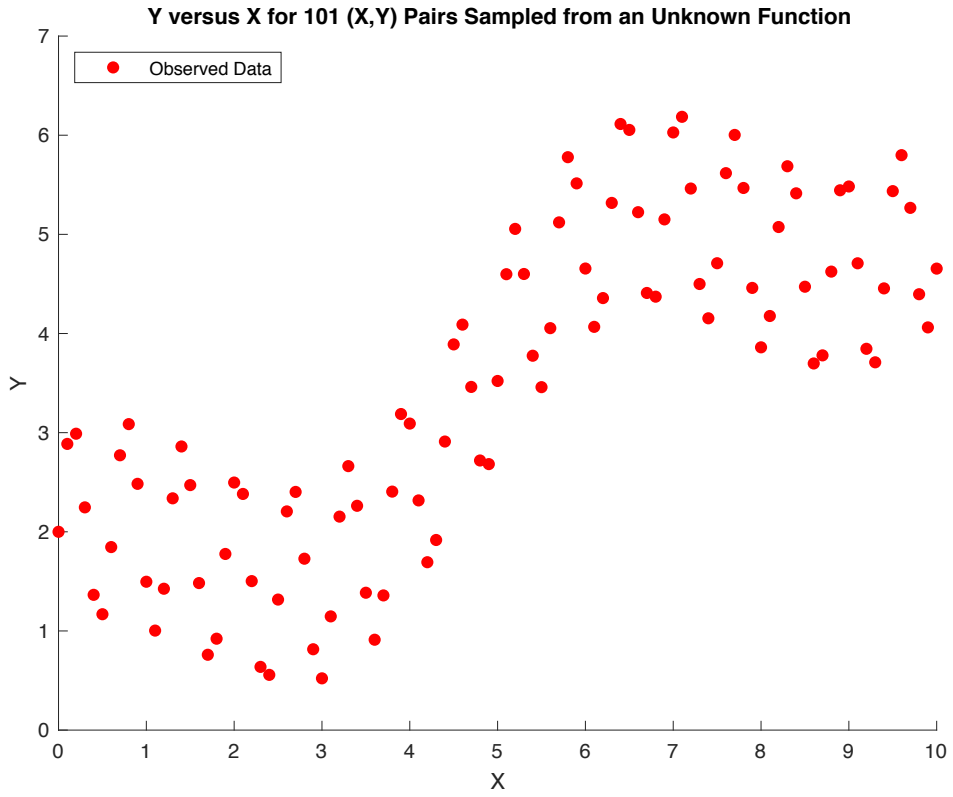

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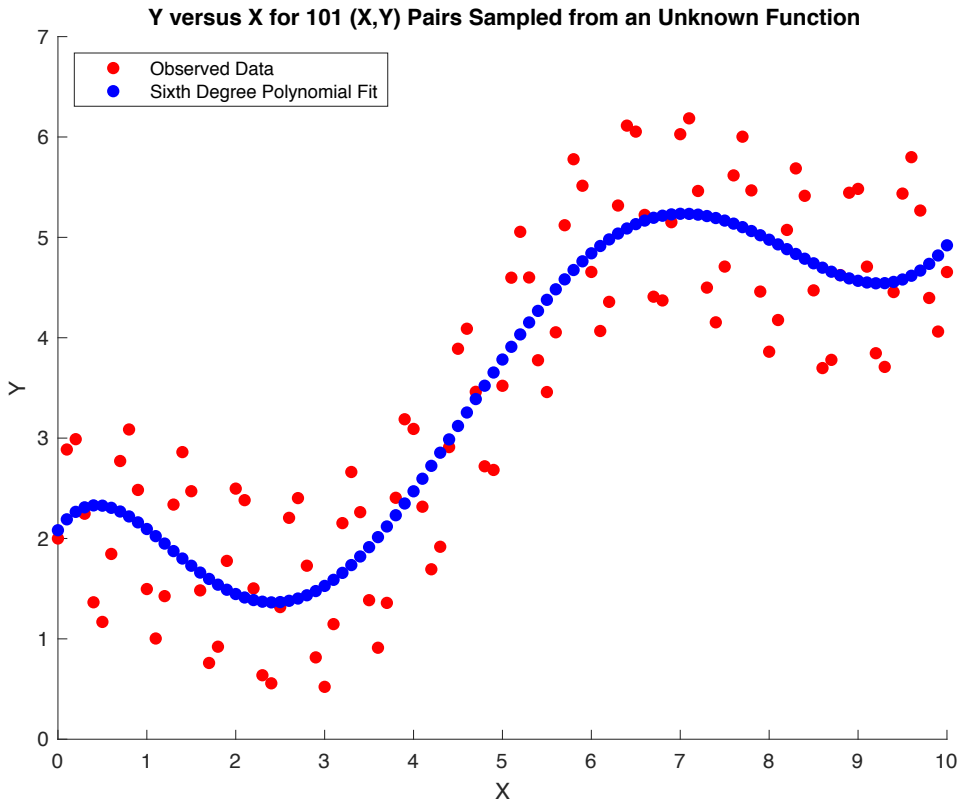

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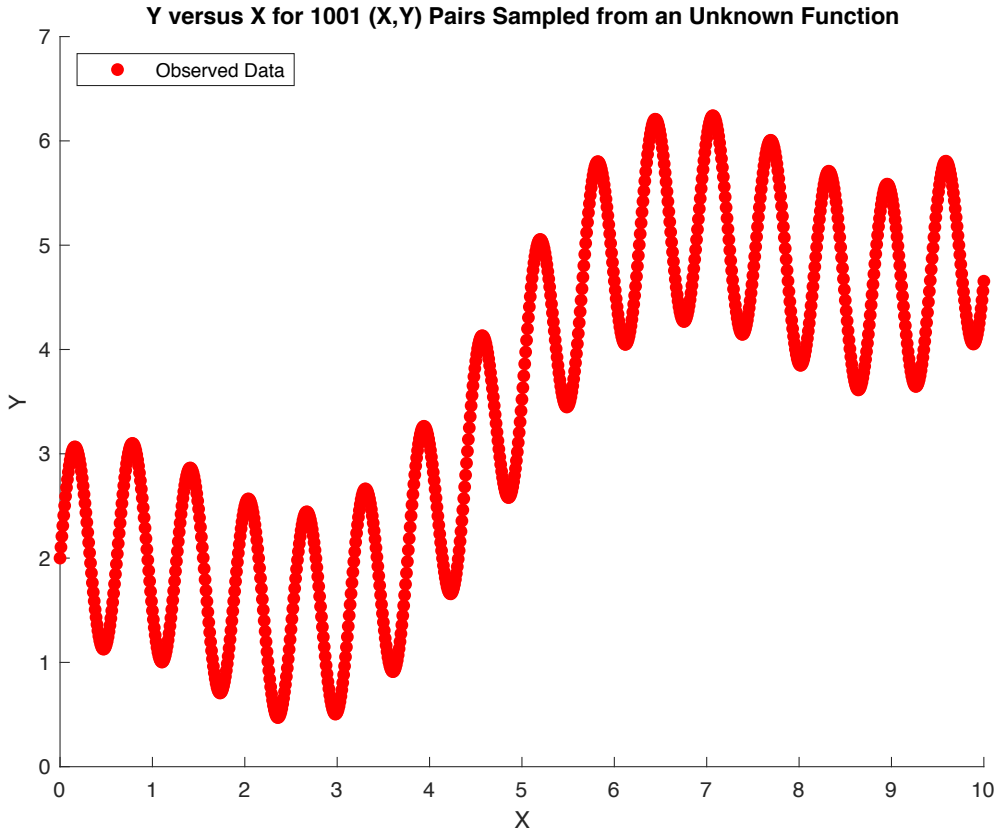

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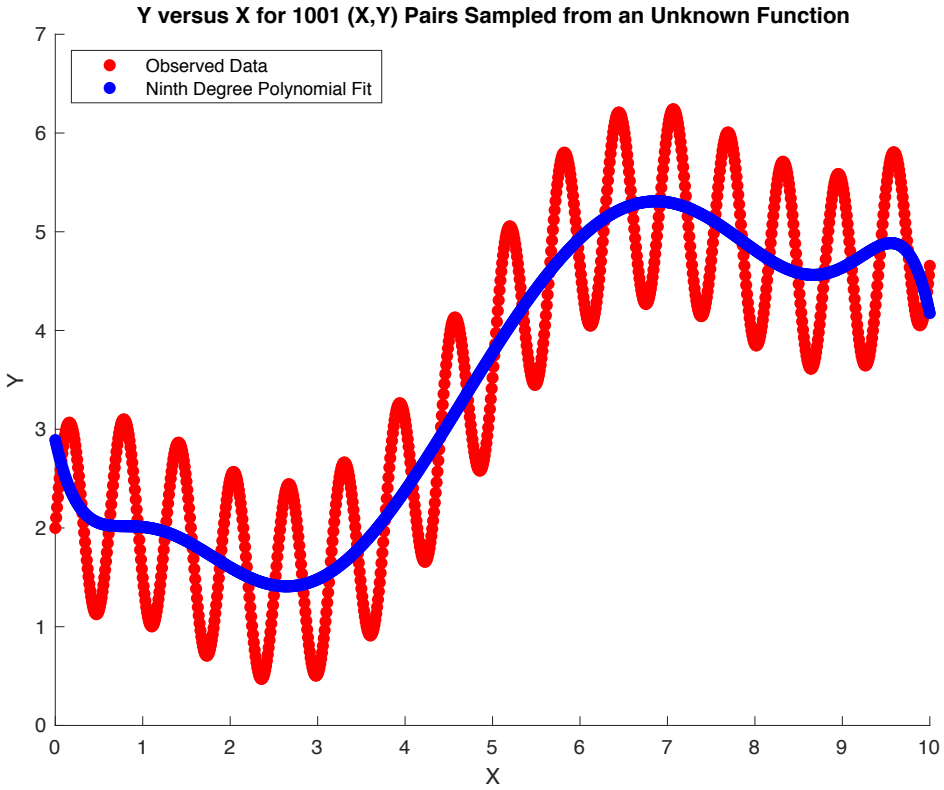

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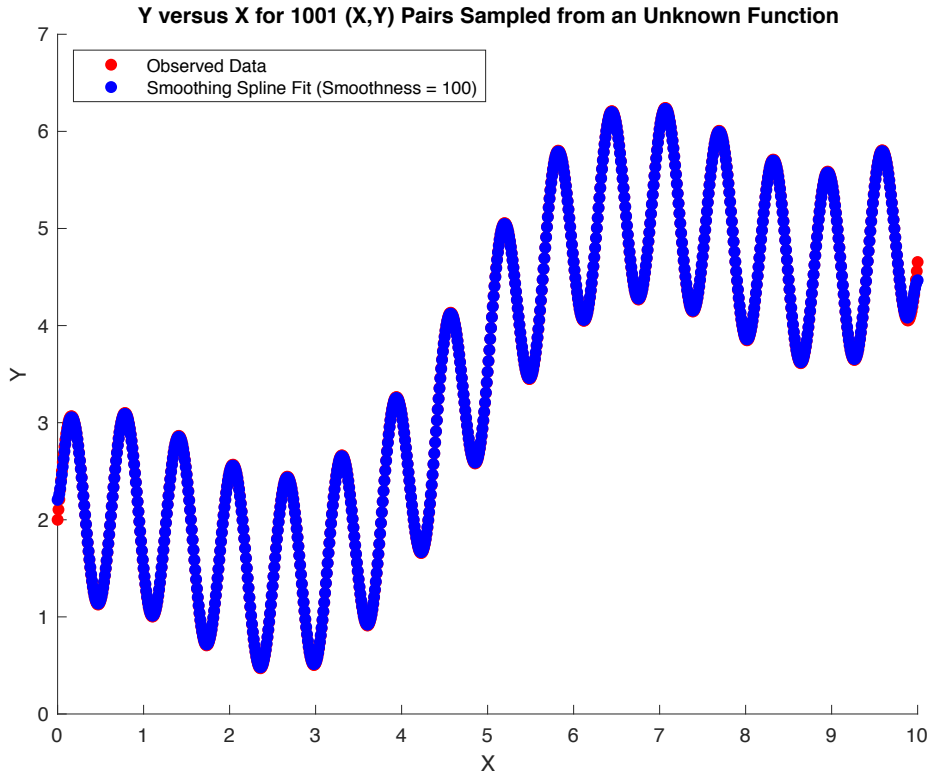

Question?